

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/520,023

Source: FW16

Date Processed by STIC: 10/12/06

# *ENTERED*



IFW16

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/520,023**

**DATE: 10/12/2006**  
**TIME: 14:39:59**

**Input Set : A:\PTO.RJ.txt**  
**Output Set: N:\CRF4\10122006\J520023.raw**

3 <110> APPLICANT: Qvist, Magnus  
 5 <120> TITLE OF INVENTION: Use of acidic aqueous solution of a bioadhesive polyphenolic  
 protein as  
 6 an adhesive or coating  
 8 <130> FILE REFERENCE: 1916-80  
 10 <140> CURRENT APPLICATION NUMBER: US 10/520,023  
 11 <141> CURRENT FILING DATE: 2004-12-30  
 13 <150> PRIOR APPLICATION NUMBER: PCT/SE03/01088  
 14 <151> PRIOR FILING DATE: 2003-06-24  
 16 <150> PRIOR APPLICATION NUMBER: SE 02020659  
 17 <151> PRIOR FILING DATE: 2002-07-02  
 19 <150> PRIOR APPLICATION NUMBER: US 60/392971  
 20 <151> PRIOR FILING DATE: 2002-07-02  
 22 <160> NUMBER OF SEQ ID NOS: 11  
 24 <170> SOFTWARE: PatentIn version 3.3  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 9  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Mytilus edulis  
 32 <220> FEATURE:  
 W--> 33 <221> NAME/KEY: X  
 34 <222> LOCATION: (4)..(6)  
 35 <223> OTHER INFORMATION: X is DOPA  
 37 <400> SEQUENCE: 1  
 W--> 39 Val Gly Gly Xaa Gly Xaa Gly Ala Lys  
 40 1 5  
 43 <210> SEQ ID NO: 2  
 44 <211> LENGTH: 10  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Mytilus edulis  
 49 <220> FEATURE:  
 W--> 50 <221> NAME/KEY: X  
 51 <222> LOCATION: (6)..(6)  
 52 <223> OTHER INFORMATION: X is dihydroxy proline  
 54 <220> FEATURE:  
 W--> 55 <221> NAME/KEY: X  
 56 <222> LOCATION: (7)..(7)  
 57 <223> OTHER INFORMATION: X is hydroxy proline  
 59 <220> FEATURE:  
 W--> 60 <221> NAME/KEY: X  
 61 <222> LOCATION: (9)..(9)  
 62 <223> OTHER INFORMATION: X is DOPA  
 64 <400> SEQUENCE: 2  
 W--> 66 Ala Lys Pro Ser Tyr Xaa Xaa Thr Xaa Lys

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/520,023

DATE: 10/12/2006  
TIME: 14:39:59

Input Set : A:\PTO.RJ.txt  
Output Set: N:\CRF4\10122006\J520023.raw

67 1 5 10  
70 <210> SEQ ID NO: 3  
71 <211> LENGTH: 8  
72 <212> TYPE: PRT  
73 <213> ORGANISM: Mytilus edulis  
76 <220> FEATURE:  
W--> 77 <221> NAME/KEY: X  
78 <222> LOCATION: (3)..(7)  
79 <223> OTHER INFORMATION: X is DOPA  
81 <400> SEQUENCE: 3  
W--> 83 Thr Gly Xaa Gly Pro Gly Xaa Lys  
84 1 5  
87 <210> SEQ ID NO: 4  
88 <211> LENGTH: 7  
89 <212> TYPE: PRT  
90 <213> ORGANISM: Mytilus edulis  
93 <220> FEATURE:  
W--> 94 <221> NAME/KEY: X  
95 <222> LOCATION: (1)..(7)  
96 <223> OTHER INFORMATION: X is DOPA  
98 <400> SEQUENCE: 4  
W--> 100 Ala Gly Xaa Gly Gly Leu Lys  
101 1 5  
104 <210> SEQ ID NO: 5  
105 <211> LENGTH: 11  
106 <212> TYPE: PRT  
107 <213> ORGANISM: Mytilus edulis  
110 <220> FEATURE:  
W--> 111 <221> NAME/KEY: X  
112 <222> LOCATION: (1)..(11)  
113 <223> OTHER INFORMATION: X is DOPA  
115 <400> SEQUENCE: 5  
W--> 117 Gly Pro Xaa Val Pro Asp Gly Pro Tyr Asp Lys  
118 1 5 10  
121 <210> SEQ ID NO: 6  
122 <211> LENGTH: 11  
123 <212> TYPE: PRT  
124 <213> ORGANISM: Mytilus edulis  
127 <220> FEATURE:  
W--> 128 <221> NAME/KEY: X  
129 <222> LOCATION: (1)..(11)  
130 <223> OTHER INFORMATION: X is DOPA  
132 <400> SEQUENCE: 6  
W--> 134 Gly Lys Pro Ser Pro Xaa Asp Pro Gly Xaa Lys  
135 1 5 10  
138 <210> SEQ ID NO: 7  
139 <211> LENGTH: 3  
140 <212> TYPE: PRT  
141 <213> ORGANISM: Mytilus edulis

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/520,023

DATE: 10/12/2006  
TIME: 14:39:59

Input Set : A:\PTO.RJ.txt  
Output Set: N:\CRF4\10122006\J520023.raw

144 <220> FEATURE:  
W--> 145 <221> NAME/KEY: X  
146 <222> LOCATION: (1)..(3)  
147 <223> OTHER INFORMATION: X is DOPA  
149 <400> SEQUENCE: 7  
W--> 151 Gly Xaa Lys  
152 1  
155 <210> SEQ ID NO: 8  
156 <211> LENGTH: 8  
157 <212> TYPE: PRT  
158 <213> ORGANISM: Mytilus edulis  
161 <220> FEATURE:  
W--> 162 <221> NAME/KEY: X  
163 <222> LOCATION: (1)..(8)  
164 <223> OTHER INFORMATION: X is DOPA  
166 <400> SEQUENCE: 8  
W--> 168 Thr Gly Xaa Ser Ala Gly Xaa Lys  
169 1 5  
172 <210> SEQ ID NO: 9  
173 <211> LENGTH: 9  
174 <212> TYPE: PRT  
175 <213> ORGANISM: Mytilus edulis  
178 <220> FEATURE:  
W--> 179 <221> NAME/KEY: X  
180 <222> LOCATION: (1)..(9)  
181 <223> OTHER INFORMATION: X is DOPA  
183 <400> SEQUENCE: 9  
W--> 185 Gln Thr Gly Xaa Val Pro Gly Xaa Lys  
186 1 5  
189 <210> SEQ ID NO: 10  
190 <211> LENGTH: 9  
191 <212> TYPE: PRT  
192 <213> ORGANISM: Mytilus edulis  
195 <220> FEATURE:  
W--> 196 <221> NAME/KEY: X  
197 <222> LOCATION: (1)..(9)  
198 <223> OTHER INFORMATION: X is DOPA  
200 <400> SEQUENCE: 10  
W--> 202 Gln Thr Gly Xaa Asp Pro Gly Tyr Lys  
203 1 5  
206 <210> SEQ ID NO: 11  
207 <211> LENGTH: 9  
208 <212> TYPE: PRT  
209 <213> ORGANISM: Mytilus edulis  
212 <220> FEATURE:  
W--> 213 <221> NAME/KEY: X  
214 <222> LOCATION: (1)..(9)  
215 <223> OTHER INFORMATION: X is DOPA  
217 <400> SEQUENCE: 11

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/10/520,023

DATE: 10/12/2006

TIME: 14:39:59

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10122006\J520023.raw

W--> 219 Gln Thr Gly Xaa Leu Pro Gly Xaa Lys

220 1

5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/520,023

DATE: 10/12/2006  
TIME: 14:40:00

Input Set : A:\PTO.RJ.txt  
Output Set: N:\CRF4\10122006\J520023.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4,6  
Seq#:2; Xaa Pos. 6,7,9  
Seq#:3; Xaa Pos. 3,7  
Seq#:4; Xaa Pos. 3  
Seq#:5; Xaa Pos. 3  
Seq#:6; Xaa Pos. 6,10  
Seq#:7; Xaa Pos. 2  
Seq#:8; Xaa Pos. 3,7  
Seq#:9; Xaa Pos. 4,8  
Seq#:10; Xaa Pos. 4  
Seq#:11; Xaa Pos. 4,8

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/520,023

DATE: 10/12/2006

TIME: 14:40:00

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10122006\J520023.raw

L:33 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:50 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:55 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:60 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:77 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:94 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:111 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5  
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:128 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:145 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7  
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:162 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:179 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:196 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:213 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11  
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0